特用作物種原之蒐集、繁殖與評估

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摘　要

本試驗主要針對亞麻及山藥二種特用作物之種原，進行蒐集、繁殖與評估工作。本年度計蒐集與繁殖亞麻 100 品系，山藥 150 品系。經初步評估結果如下：亞麻 100 品系中有 90% 可供作採收纖維與種子之兼用種原，另有 10% 僅可供作採收纖維用之種原。山藥 150 品系中繁殖與生長均佳，但抗病及蟲害之品系數在 10% 以下。

Collection, Propagation, and Evaluation of Special Crop Germplasm

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Summary

The object of this program in 1997 included collection, propagation, and evaluation of germplasms from two kinds of special crops, i.e., *Linum usitatissimum* L. and Dioscorea spp.. A total of 100 lines of *Linum usitatissimum* L. and 150 lines of *Dioscorea* spp. had been collected and propagated in this year. Based on primary evaluation, 90% of 100 lines of *Linum usitatissimum* could be used for both fiber and seed purposes, only 10% were fiber flax. The propagation and growth of 150 lines of *Dioscorea* spp. were not bad, however, the ratio of these yam lines which could resist to bacteria and insect were less than 10%.